

METHOD FOR MAKING SERVICE CONTROL PART OF EXCHANGE PROGRAM BETWEEN ATM AND STM COMMON

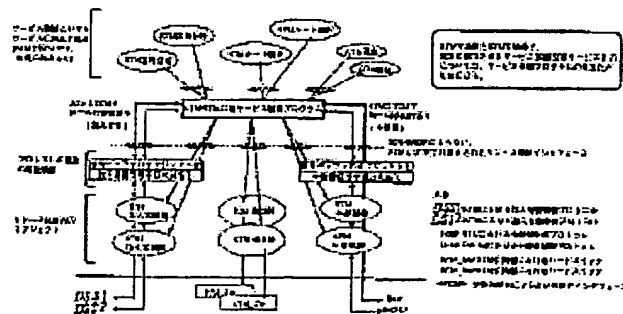
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Abstract of JP7250099

PURPOSE: To apply a service control program for N-ISDN in an STM exchange to the service control program for the line emulation of B-ISDN in an ATM exchange by making the service control program of the ATM exchange and STM exchange common.

CONSTITUTION: Hierarchical structures, such as a resource hierarchy, a service hierarchy, etc., are applied, the differences of the signal procedures of interfaces with a relay network and subscribers in ATM and STM are absorbed or generated in subscriber and relay control resources and a common signal procedure is defined. Also, object-oriented design is adopted to information inside signals and access to information elements inside the signals is performed through a method. Thus, the format of the information elements is concealed and the different parts of signal analysis, route translation and charging are turned to independent objects for each service.



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